

## Honors 7<sup>th</sup> Grade Math Syllabus

### **Course Description:**

Advanced work in computational fluency of integers; problem-solving skills; basic geometric shapes and figures; basic algebra concepts and skills, including algebraic expressions and linear equations; properties of rational numbers; basic probability and statistics; and proportional reasoning.

### **Course Objective:**

The student will be able to perform mathematics skills that will prepare them for success in Algebra I.

### **Materials needed daily:**

Computer, Pencil, Spiral Notebook or Binder with paper, Graph Paper or Graph Paper Notebook, Scientific Calculator (TI-30XIIS recommended by Grissom High)

### **Topics to be covered:**

Integers and Rational Numbers  
Real Numbers  
Analyze and Use Proportional Relationships  
Analyze and Solve Percent Problems  
Generate Equivalent Expressions  
Solve Problems Using Equations and Inequalities  
Analyze and Solve Linear Equations  
Use Sampling to Draw Inferences About Populations  
Probability  
Solve Problems Involving Geometry  
Congruence and Similarity  
Solve Problems Involving Surface Area and Volume

### **What does “Honors” mean?**

Not only are students in Honors math students working above grade level, but this class will move at a faster pace than a “regular” 7<sup>th</sup> grade class. Students will be required to think critically and apply concepts using higher-level thinking skills. We will be using “Laying the Foundation” materials as part of the A+ College Ready initiative to better prepare you for AP mathematics courses in high school.

### **Expectations:**

We will demonstrate PRIDE characteristics:  
Perseverance, Respect, Integrity, Do your best, Encouraging

1. I will listen and follow directions.
2. I will keep my hands, feet, and objects to myself.

3. I will respect myself, others, and school property (Internet use)
4. I will come to class prepared every day.
5. I will DEMONSTRATE PRIDE.

### **Virtual Expectations:**

Face-to-Face Time – It is expected that students will log on to meetings in a timely manner. Please follow and meet the expectations below during the time with the teacher. Failure to adhere to these expectations will result in parent contact and immediate dismissal from the meeting.

- Microphone – When you enter the virtual meeting, you must mute yourself (if not already muted). You may unmute yourself when it is your turn to speak.
- Etiquette – Always be polite and respectful, pay attention to the speaker, and use the digital platform and its features properly.
- Contributions – When you have something to contribute to the discussion, type it in the chat box or use the “raise hand” button for the teacher to give you permission to unmute yourself so that you can speak.
- Sound – If you can, wear headphones so you can hear better. Try your best to find a quiet place, free from distractions.
- Questions – When you have a question, type it in the chat box or use the “raise hand” button so that you can unmute and ask your question when given permission.

### **Technical Issues:**

It is expected that if/when you experience any type of malfunction with the school issued device (chromebook) that you will contact IT at (256) 428-6900 immediately to eliminate further interruption to your academic progression.

### **Consequences:**

All level I Offenses will be handled in the classroom by the teacher following the same policy as all other Whitesburg 7<sup>th</sup> and 8<sup>th</sup> grade teachers:

Each student starts fresh every 9 weeks!

1. Verbal warning
2. Seat change
3. TAB in – phone script/reflection sheet – Parent Contact- document in BLOOM
4. TAB out or silent lunch – Parent Contact – document in BLOOM
5. Community service – Parent Contact – document in BLOOM
6. Student led conference – in person – document in BLOOM
7. Office Discipline Referral – document in BLOOM
8. Repeat process from beginning

All Class II and Class III offenses will be sent to the administration per HCS policy.

### **Grading Scale:**

Tests and Major Projects: 60%  
Daily: 40%

### **Make Up Work:**

Students are responsible for making up all work. After an absence, check with the teacher to determine what you must make-up and complete the homework assignment. Fill out a request to reassign digital work if necessary. If you miss a quiz or test, please see me to schedule a time to take it.

### **Teacher Contact Information:**

- Email is the quickest way to get in touch with me! [Morgan.stevens@hsv-k12.org](mailto:Morgan.stevens@hsv-k12.org)
- All assignments (including test dates and homework assignments) will be posted weekly on Schoology. Weekly updates and various classwork & homework assignments will be on Schoology. If you have trouble creating a parent account to access your student's information, please let me know.
- INOW will be updated frequently. Please contact me ASAP with any issues.

### **Applications and Websites used for this class**

**Clever** – App on School issued Chromebook where you will find links to all things related to academics

**Schoology** – Found in Clever – All information relevant and essential to the progression in this class will be found here, including weekly assignments & Calendar, assessments, and various updates and announcements.

**Pearson Easy Bridge** – Found in Clever – This is the digital textbook and curriculum where students will take assessments and complete daily lessons.

**Remind App** – is an independent app that can be downloaded on your cell phone – important small sized reminders; great way to communicate with teacher quickly (Codes can be found in the Parent Newsletter)